



Search DL

## ACM Digital Library

A half century of pioneering concepts and fundamental research have been digitized and indexed in a variety of ways in this special collection of works published by ACM since its inception. The ACM Digital Library includes bibliographic information, abstracts, reviews, and full texts.

### Digital Library Overview

- **What's New**
- **FAQ**
- **DL Pearls**
- **Content and Organization**
- **Terms of Usage**
- **Resources from Affiliated Organizations**

### Subscription and Access Information

## Browse the Digital Library

- **Journals**
- **Magazines**
- **Transactions**
- **Proceedings**
- **Newsletters**
- **Publications by Affiliation**
- **Special Interest Groups**

## Personalized Services

- My Bookshelf C
- Jc
- C

## Online Computing Resources

- OCRS Acc
- liter
- Rev

## Welcome to IEEE Xplore™

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account

1) Enter a single keyword, phrase, or Boolean expression.  
Example: acoustic imaging (means acoustic and imaging)

2) Limit your search by using search operators and field codes, if desired.

Example: optical (fiber fibre) ti

3) Limit the results by selecting Search Options.

4) Click Search. See [Search Examples](#)

create and wizard and input and output and processes

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: [More](#)

Field codes: au (author), ti (title), ab (abstract), ct (conference title), jn (journal name) [More](#)

**Search Options:****Select publication types:**

- ☒ Journals
- ☒ Conference proceedings
- ☒ Standards

**Select years to search:**

From year:  to

**Organize search results by:**

Sort by:

In:  order

List  Results per page